

AMENDMENTS TO THE SPECIFICATION

On page 93 of the specification, please replace Table 11 with the clearer (more legible) copy appearing on the following page.

TABLE 11 - HMI-2 subgroup of HERV-K Family

Query	Query Length	Target Locs	Target Description	Target Length	Score	Poses	Matches	Similarities	Percent Alignment	Percent Query	Query Start	Query End	Target Start	Target End	Open Gap Penalty	Extension Penalty
N4	7428.NT_0224351.2		(contig, orf1c1-nuc1-start-1) (orf1-160119) (clon1-2) Homo	102399	72379	3.9E-47	7334	7334	98	98	7438	1	13506	20899	-20	-5
N4	7428.NT_0075851.3		(contig, orf1c1-nuc1-start-1) (orf1-25000) (clon1-6)	102399	72379	3.9E-47	7334	7334	98	98	1	7428	29800	37193	-20	-5
N4	7428.NT_0095952.3		(contig, orf1c1-nuc1-start-1) (orf1-25000) (clon1-12)	102399	72379	5.3E-47	7329	7329	98	98	7428	1	136539	143551	-20	-5
N4	7428.NT_0915182.3		(contig, orf1c1-nuc1-start-1) (orf1-787180)	102399	72707	3.1E-47	7345	7345	98	98	1	7428	114716	122137	-20	-5
N4	7428.NT_02390151.2		(contig, orf1c1-nuc1-start-1) (orf1-166310) (clon1-8)	102399	70566	1.3E-45	7222	7222	97	97	7428	1	94194	101616	-20	-5
N4	7428.NT_0258385.2		(contig, orf1c1-nuc1-start-1) (orf1-55536) (clon1-6) Homo	102399	67986	5.9E-44	7112	7112	95	95	1	7428	164603	172033	-20	-5
N4	7428.NT_0242951.2		(contig, orf1c1-nuc1-start-1) (orf1-167603) (clon1-11) Homo	102399	67986	5.9E-44	7112	7112	95	95	1	7428	18873	26303	-20	-5
N4	7428.NT_0115798.5		(contig, orf1c1-nuc1-start-1) (orf1-226320)	102399	68342	3.4E-44	7058	7058	95	95	1	7428	62776	69910	-20	-5
N4	7428.NT_0067881.3		(contig, orf1c1-nuc1-start-1) (orf1-25000) (clon1-5)	102399	68610	2.6E-44	7066	7066	95	95	1	7428	144115	151250	-20	-5
N4	7428.NT_0048583.3		(contig, orf1c1-nuc1-start-1) (orf1-124651)	102399	68624	2.1E-44	7072	7072	95	95	7428	1	23642	30777	-20	-5
N4	7428.NT_0057583.3		(contig, orf1c1-nuc1-start-1) (orf1-45779) (clon1-3)	102399	67968	6.1E-44	7040	7040	94	94	1	7428	122036	129165	-20	-5
N4	7428.NT_0251063.3		(contig, orf1c1-nuc1-start-1) (orf1-44919) (clon1-6) Homo	97618	68168	4.4E-44	7049	7049	94	94	7428	1	174970	182103	-20	-5
N4	7428.NT_0093458.3		(contig, orf1c1-nuc1-start-1) (orf1-1821759)	102399	65447	3.4E-42	6913	6913	93	93	7428	1	116705	123823	-20	-5
N4	7428.NT_0044854.3		(contig, orf1c1-nuc1-start-1) (orf1-985557) (clon1-3)	85887	65099	6E-42	6910	6910	92	93	1	7428	103675	110869	-20	-5
N4	7428.NT_0112543.3		(contig, orf1c1-nuc1-start-1) (orf1-75004) (clon1-19)	102399	62351	4.9E-40	6844	6844	90	92	7428	1	17838	25313	-20	-5
N4	7428.NT_00752514.3		(contig, orf1c1-nuc1-start-1) (orf1-327699) (clon1-6)	102399	56493	5.7E-36	6795	6795	79	91	1	7428	14774	150230	-20	-5
N4	7428.NT_0115782.3		(contig, orf1c1-nuc1-start-1) (orf1-575084)	102399	64096	3E-41	6818	6818	92	91	7428	31	93282	100383	-20	-5
N4	7428.NT_0196385.3		(contig, orf1c1-nuc1-start-1) (orf1-25000) (clon1-19)	102399	57114	2.1E-36	6273	6273	82	90	7427	1	179318	187384	-20	-5
N4	7428.NT_0224151.3		(contig, orf1c1-nuc1-start-1) (orf1-163648) (clon1-3)	61348	65630	2.6E-42	6734	6734	95	90	7024	1	140614	147637	-20	-5
N4	7428.NT_0066325.3		(contig, orf1c1-nuc1-start-1) (orf1-214350) (clon1-3)	102399	62739	2.6E-40	6630	6630	91	89	7428	7428	48316	55040	-20	-5
N4	7428.NT_0225045.3		(contig, orf1c1-nuc1-start-1) (orf1-271641) (clon1-3)	102399	56001	1.3E-35	6420	6420	86	86	7428	1	176629	183705	-20	-5
N4	7428.NT_0233978.3		(contig, orf1c1-nuc1-start-1) (orf1-45242)	102399	49092	4.1E-31	6275	6275	79	84	1	7428	23289	33146	-20	-5
N4	7428.NT_0112501.3		(contig, orf1c1-nuc1-start-1) (orf1-318083)	102399	47530	9.6E-30	6166	6166	77	83	1	7425	146733	154470	-20	-5
N4	7428.NT_0194834.3		(contig, orf1c1-nuc1-start-1) (orf1-100003) (clon1-8)	102399	50179	1.4E-31	6164	6164	82	83	7428	1	13951	21231	-20	-5
N4	7428.NT_0194352.3		(contig, orf1c1-nuc1-start-1) (orf1-50001) (clon1-8)	102399	50122	1.5E-31	6177	6177	80	83	7428	1	131378	138737	-20	-5
N4	7428.NT_0240351.3		(contig, orf1c1-nuc1-start-1) (orf1-250005)	102399	57770	1.4E-36	5859	5859	97	78	1	5981	41571	47546	-20	-5
N4	7428.NT_0236381.3		(contig, orf1c1-nuc1-start-1) (orf1-151365) (clon1-7)	102399	56440	6.2E-36	5651	5651	99	76	1772	7428	1	5656	-20	-5
N4	7428.NT_0232351.2		(contig, orf1c1-nuc1-start-1) (orf1-10966) (clon1-1) Homo	102399	47274	4.5E-26	5600	5600	82	75	6704	1	1	6738	-20	-5